

DUPONT™ TEMPRO®

Providing secondary flame-resistant protection

DuPont™ Tempro® garments help protect your investment in primary flame-resistant garments

Workers in a variety of industries—from refining and chemical manufacturing to electric and gas utilities—not only encounter a range of non-hazardous particles and aerosols on a daily basis, they also can be exposed to thermal hazards such as electric arc flash or industrial fire.

To address the unique needs of these workers, DuPont scientists and engineers developed an innovative solution—DuPont™ Tempro®.

DuPont™ Tempro® for added protection

Designed to be worn over primary flame-resistant apparel, such as DuPont™ Nomex® or DuPont™ Protera®, DuPont™ Tempro® is a lightweight, disposable overgarment for use by workers in potentially flammable or electric arc environments.

DuPont™ Tempro® provides a barrier against the non-hazardous dirt, grease, grime and aerosols that these workers encounter every day, helping to protect and keep clean the primary flame-resistant garments that they wear.

In the event of an industrial fire or electric arc, DuPont™ Tempro® garments will not contribute to potential burn injury. They will not ignite and continue to burn when the flame source is removed.



Typical applications

DuPont™ Tempro® garments are flame-retardant treated, not inherently flame resistant, and are intended to be worn over primary flame-resistant garments. They are well suited for workers in the following industries:

- Chemicals
- Petroleum and coal
- Metals
- Utilities
- Construction
- Laboratories

AVAILABLE IN THREE COVERALL STYLES

TM120S BU^{1,2}



Coverall w/ Collar
Open Wrists
Open Ankles
Serged Seams

TM127S BU^{1,2}



Coverall w/ Std. Hood
Elastic Wrists
Elastic Ankles
Serged Seams

TM122S BU^{1,2,3}



Coverall w/ Std. Hood
Elastic Wrists
Attached socks
Serged Seams

¹ Must be worn over appropriate primary FR clothing. Styles do not have storm flaps.

² It is important to note that the zipper in DuPont™ Tempro® garments is not flame resistant and could melt and burn, depending on the nature of the exposure. Users must assess the risk of the zipper relative to specific applications.

³ These Tempro® garments have attached socks made of the garment material. These attached socks must be worn inside protective outer footwear and are not suitable as outer footwear. These attached socks do not have adequate durability or slip resistance to be worn as the outer foot covering.

PHYSICAL PROPERTIES OF DUPONT™ TEMPRO® FABRIC

Property	Test Method	Typical Value ⁴
Basis Weight	ASTM D3776	2.4 oz/yd ²
Tear Resistance—Trap Tear, MD	ASTM D1117	7 lb _f
Tear Resistance—Trap Tear, CD	ASTM D1117	10 lb _f
Breaking Strength—Grab, MD	ASTM D5034	27 lb _f
Breaking Strength—Grab, CD	ASTM D5034	21 lb _f
Hydrostatic Head	AATCC 127	8.5 inches H ₂ O
Surface Resistivity at 25°C/55% RH	ASTM D257	4.0 x 10 ⁷ ohms/sq

⁴ Typical values, not specifications.

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DuPont™ SafeSPEC™ 2.0

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This information is based upon technical data that DuPont believes to be reliable. It is subject to revision as additional knowledge and experience are gained. DuPont makes no guarantee of results and assumes no obligation or liability in connection with this information. It is the user's responsibility to determine the nature and level of hazards and the proper personal protective equipment needed. The information set forth herein reflects laboratory performance of fabrics, not complete garments, under controlled conditions. It is intended for information use by persons having technical skill for evaluation under their specific end-use conditions, at their own discretion and risk. Anyone intending to use this information should first verify that the garment selected is suitable for the intended use. In many cases, seams and closures have shorter breakthrough times and higher penetration rates than the fabric. Please contact DuPont for specific data. These garments are intended for limited use and should be disposed of after single use. If fabric becomes torn, abraded or punctured, or if seams or closures fail, or if attached gloves, visors, etc. are damaged, end user should discontinue use of garment to avoid potential exposure.

